

Back-up Documentation for Business Meeting November 02, 2011

EISG Program Solicitation 10-03G

TRUSTEES OF THE CALIFORNIA STATE UNIVERSITY. Possible approval of one grant under CEC Contract 500-98-014, totaling \$95,000, from the Public Interest Energy Research (PIER) programs Energy Innovations Small Grants Solicitation number 10-03G. These grants were competitively selected and are capped at \$95,000. The award is an innovative energy research project on an innovative carbon aerogel material to increase natural gas storage in vehicle systems. (PIER natural gas funding.) Contact: David Chambers. (5 minutes)

The specific proposed award is:

1. American Aerogel Corporation, *Carbon Aerogel as an Adsorbent for Natural Gas Vehicles*, \$95,000. The goal of this project is to determine the feasibility of using a carbon aerogel material to increase the adsorptive properties of natural gas storage systems beyond the Department of Energy's target of 180 volume/volume at 35 bar (507 psi) while remaining at a commercially viable material cost of \$5 per pound.